

## **CLAIMS**

1. An inkjet printing mechanism, comprising:  
one or more hinged printbar assemblies each configured to pivot about a hinge between a print position and a service position;  
one or more print modules coupled a hinged printbar assembly, an individual print module having one or more printheads, the one or more printheads of the one or more print modules collectively configured to span a width of a print media when the hinged printbar assembly is in the print position; and  
a wiper assembly configured to service printheads on the hinged printbar assembly, the wiper assembly including one or more printhead caps configured to cover the one or more printheads on the hinged printbar assembly.
2. An inkjet printing mechanism as recited in claim 1, wherein the one or more hinged printbar assemblies are collectively configured to be pivoted about the hinge.
3. An inkjet printing mechanism as recited in claim 1, wherein the wiper assembly includes a slidable member configured to engage a guide of the hinged printbar assembly.
4. An inkjet printing mechanism as recited in claim 1, wherein the wiper assembly includes a guidable member configured to engage a channel guide in the hinged printbar assembly.

5. An inkjet printing mechanism as recited in claim 1, wherein the wiper assembly includes a guidable member configured to engage a wiper assembly servicing guide.

6. An inkjet printing mechanism as recited in claim 1, wherein the wiper assembly includes a guidable member configured to engage a guide of the hinged printbar assembly in the service position, and further includes one or more wipers configured to clean the one or more printheads on the hinged printbar assembly.

7. An inkjet printing mechanism as recited in claim 1, wherein the wiper assembly includes a guidable member configured to engage a guide of the hinged printbar assembly, and further includes one or more wipers configured to clean the one or more printheads on the hinged printbar assembly, the guide and the guidable member configured for interaction to maintain contact between the one or more wipers and the one or more printheads.

8. A hinged printbar assembly, comprising:

a framework configured to engage a wiper assembly when the hinged printbar assembly is in a service position, the framework further configured to disengage from the wiper assembly such that the hinged printbar assembly pivots from the service position to a print position;

one or more print modules coupled to the framework, an individual print module having one or more printheads, the one or more printheads of the one or more print modules collectively configured to span a print region in the print position; and

a hinge configured to couple the framework to a fixed member such that the one or more print modules are collectively configured to pivot about the hinge between the print position and the service position.

9. A hinged printbar assembly as recited in claim 8, wherein the framework includes a guide configured to engage a slidable member of the wiper assembly.

10. A hinged printbar assembly as recited in claim 8, wherein the framework includes a channel guide configured to engage a guidable member of the wiper assembly when the one or more print modules are in the service position.

11. A hinged printbar assembly as recited in claim 8, wherein the framework includes an external guide configured to engage a guidable member of the wiper assembly when the one or more print modules are in the service position.

12. A hinged printbar assembly as recited in claim 8, wherein the framework includes a guide configured to engage a guidable member of the wiper assembly, the wiper assembly including one or more wipers configured to clean the one or more printheads of the one or more print modules, and wherein the guide and the guidable member are configured for interaction to maintain contact between the one or more wipers and the one or more printheads.

13. A hinged printbar assembly as recited in claim 8, wherein the framework includes a guide configured to engage a guidable member of the wiper assembly, the wiper assembly including one or more printhead caps configured to engage the one or more print modules and cover the one or more printheads, and wherein the guide and the guidable member are configured for interaction to secure the one or more printhead caps over the one or more printheads.

14. A method, comprising:

transferring an imaging medium onto a print media with one or more printheads of a printbar assembly in a print position, the one or more printheads collectively spanning a width of the print media;

pivoting the printbar assembly about a hinge between the print position and a service position;

engaging the printbar assembly with a wiper assembly after said pivoting the printbar assembly to the service position; and

servicing the one or more printheads with the wiper assembly when the printbar assembly is in the service position.

15. A method as recited in claim 14, wherein said engaging includes engaging a guide of the printbar assembly with a slidable member of the wiper assembly.

16. A method as recited in claim 14, wherein said engaging includes engaging a channel guide in the printbar assembly with a guidable member of the wiper assembly.

17. A method as recited in claim 14, wherein said engaging includes engaging a wiper assembly servicing guide with a guidable member of the wiper assembly.

18. A method as recited in claim 14, further comprising maintaining contact between the one or more printheads and one or more wipers coupled to the wiper assembly via an interaction of a guide in the printbar assembly and a guidable member of the wiper assembly.

19. A method as recited in claim 14, wherein said servicing includes cleaning the one or more printheads with one or more wipers coupled to the wiper assembly.

20. A method as recited in claim 14, wherein said servicing includes cleaning the one or more printheads with one or more wipers coupled to the wiper assembly, and further includes maintaining contact between the one or more printheads and the one or more wipers via an interaction of a guide in the printbar assembly and a guidable member of the wiper assembly.

21. A method as recited in claim 14, further comprising covering the one or more printheads with one or more printhead caps coupled to the wiper assembly.

22. A method as recited in claim 14, further comprising:  
covering the one or more printheads with one or more printhead caps coupled to the wiper assembly; and  
securing the one or more printhead caps over the one or more printheads via an interaction of a guide in the printbar assembly and a guidable member of the wiper assembly.